

3/13/2019

Denali Water  
Cindy Duenes  
2001 Key Street  
Colton, CA, 92324

Ref: Analytical Testing  
Report Number: 19-064-0213  
Project Description: RIV

Dear Cindy Duenes:

Waypoint Analytical Virginia, Inc. received sample(s) on 3/5/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Sub-contracted testing is noted on the Sample Summary Table if applicable.

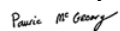
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Pauric McGroary  
Agronomist

*Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.*

Arizona AZ0629  
Florida E871087

New Jersey  
North Carolina

VA011  
257

Pennsylvania  
South Carolina

68-03109  
93007

Virginia 460014





**Sample Summary Table**

**Report Number:** 19-064-0213

**Client Project Description:** RIV

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
65121	RIV	Solids	02/28/2019 11:00	03/05/2019		
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	SM-4500-NH3C	WTN
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	SM-4500-NH3C-TKN	WTN
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	4500NO3F-2011	WTN
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	6010D	WTN
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	SW-7471B	WTN
65121	RIV	Solids	02/28/2019 11:00	03/05/2019	SM-2540G	WTN

Report Number: 19-064-0213

Account Number: 11035



7621 Whitepine Road, Richmond, VA 23237  
Main 804-743-9401 ° Fax 804-271-6446  
www.waypointanalytical.com

Send To: Denali Water  
Cindy Duenes  
2001 Key Street  
Colton , CA 92324

Project : RIV

Lab Number : 65121

Sample Id : RIV

### REPORT OF ANALYSIS

Date Sampled: 2/28/2019 11:00:00

Date Received: 03/05/2019 00:00

Date Reported: 03/13/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Solids *	19.20	192000	100.0	CJR	03/07/2019 16:58	SM-2540G
Moisture *	80.80		100.0	CJR	03/07/2019 16:58	SM-2540G
Total Kjeldahl Nitrogen	6.56	65600	250	CLP	03/12/2019 13:30	SM-4500-NH3C-TKN
Phosphorus	2.68	26800	50.0	KKM	03/08/2019 20:31	6010D
Potassium	0.17	1730	50.0	BKN	03/08/2019 20:31	6010D
Sulfur	1.28	12800	50.0	KKM	03/08/2019 20:31	6010D
Calcium	2.73	27300	250	BKN	03/08/2019 20:31	6010D
Magnesium	0.52	5180	50.0	KKM	03/08/2019 20:31	6010D
Sodium	0.06	628	250	KKM	03/08/2019 20:31	6010D
Iron		31500	50.0	KKM	03/08/2019 20:31	6010D
Aluminum		7000	50.0	KKM	03/08/2019 20:31	6010D
Manganese		220	5.00	KKM	03/08/2019 20:31	6010D
Copper		694	2.50	KKM	03/08/2019 20:31	6010D
Zinc		779	12.5	KKM	03/08/2019 20:31	6010D
Ammonia Nitrogen	0.92	9170	100	ZBD	03/11/2019 10:00	SM-4500-NH3C
Organic N	5.64	56430	250		03/11/2019 10:00	CALCULATION
Nitrate+Nitrite-N		<4.87	4.87	ZBD	03/12/2019 12:38	4500NO3F-2011

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

B - Analyte detected in blank H - Beyond Holding Time

A handwritten signature in black ink that reads "Paucic McGroary".

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Paucic McGroary  
Agronomist

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Project : RIV

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Sample Id : RIV

### REPORT OF ANALYSIS

Date Sampled: 2/28/2019 11:00:00

Date Received: 03/05/2019 00:00

Date Reported: 03/13/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Cadmium		1.12	1.00	KKM	03/08/2019 20:31	6010D
Chromium		40.3	2.50	KKM	03/08/2019 20:31	6010D
Nickel		22.5	2.50	KKM	03/08/2019 20:31	6010D
Lead		23.0	3.00	KKM	03/08/2019 20:31	6010D
Arsenic		7.96	5.00	BKN	03/11/2019 17:32	6010D
Mercury		0.508	0.0144	TJS	03/08/2019 15:09	SW-7471B
Selenium		5.63	5.00	KKM	03/08/2019 20:31	6010D
Molybdenum		17.9	2.50	KKM	03/08/2019 20:31	6010D

Comments:

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

B - Analyte detected in blank      H - Beyond Holding Time

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Paucic McGroary  
Agronomist

**Cooler Receipt Form**

Customer Number: **11035**  
Customer Name: **Denali Water**  
Report Number: **19-064-0213**

**Shipping Method**

☒ Fed Ex      ☐ US Postal      ☐ Lab      ☐ Other :   
☐ UPS      ☐ Client      ☐ Courier      Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:



**SAMPLE TRANSMITTAL**  
**A&L Easter**

7621 Whitepine Road Richmond VA 23237 Tel: 8

19-064-0213  
11035  
03-05-2019  
12:40:52



Denali Water  
RIV

Unit #  
11035

**Customer Information**

Submitted By	Denali Water Solutions
3031 Franklin Ave STE A	3031 Franklin Ave STE A
Riverside CA 92507	Riverside CA 92507
	chrisamarks@comcast.net
	lrsaint@gmail.com

Project		Sample Information																
Sample ID	Lab Number (Lab Use Only)	Collection Information			Container Information			Please Check Desired Tests										
		Type	Date	Time	Number of Bottles	Type	Volume	SL1	SL2	503 Metals	Nitrogen Series	pH	CCE	Ag	Cl	Volatile Solids	Test Package	
LS		X__ Grab Composite	2/28/2019	600	1	Glass X_ Plastic	oz __ pint X qt										SLSOSO	
MBC		X__ Grab Composite	2/28/2019	800	1	Glass X_ Plastic	oz __ pint X qt										SLSOSO	
SLR		X__ Grab Composite	2/28/2019	645	1	Glass X_ Plastic	oz __ pint X qt										SLSOSO	
RIV	05121	X__ Grab Composite	2/28/2019	1100	1	Glass X_ Plastic	oz __ pint X qt										SLSOSO	

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Joel Santos (signature)	2/28/2019	1300			
Redes	3/5/19				

**Test Package Details**

SL1: Total Solids (Moisture) Total Kjeldahl Nitrogen, Phosphorus and Potassium  
SL2: Basic Test SL1 plus Sulfur, Calcium, Magnesium, Sodium, Iron, Aluminum, Manganese, Copper And Zinc  
503 Metals: Arsenic, Cadmium, Chromium, Mercury, Molybdenum, Lead, Nickel, Selenium.  
(Copper & Zinc included in SL2)  
Nitrogen Series: Total Kjeldahl, Ammonium, Nitrate & Organic Nitrogen  
CCE: Calcium Carbonate Equivalent or Total Neutralization Value (For Lime Treated Sludge)

**Special Instructions or Remarks**

No ice